Amendments to the Claims:

Please cancel claims 38-55 as shown in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the application:

1-17. (canceled)

18. (previously presented) A communication system comprising:

a first wireless network;

a vehicle having a power supply associated therewith;

a plurality of network devices operable to wirelessly communicate with one another to form a second wireless network operating as a subnetwork in the first wireless network; and

at least a first network device of the plurality of network devices being operable to receive power from the power supply associated with the vehicle, and operable to participate on the first wireless network to provide access for a second network device of the plurality of network devices to the first wireless network.

19. (previously presented) The communication system of claim 18 wherein the first network device of the plurality of network devices comprises an access server.

20. (previously presented) The communication system of claim 19 wherein the access server is adapted to participate as a slave device in the first wireless network pursuant to a first communication protocol and as a master device in the second wireless network pursuant to a second communication protocol.

21. (previously presented) The communication system of claim 20 wherein the access server resolves conflicts between the first and second communication protocols.

22. (previously presented) The communication system of claim 18 wherein at least the first network device of the plurality of network devices participates as a slave device in

the first wireless network pursuant to a first communication protocol and as a master device in the second wireless network pursuant to a second communication protocol.

23. (previously presented) The communication system of claim 18 wherein one of the plurality of network devices other than the first network device of the plurality of network devices participates as a slave device in the first wireless network pursuant to a first communication protocol and as a slave device in the second wireless network pursuant to a second communication protocol.

24. (previously presented) A communication system comprising:

a wireless premises network;

a wireless peripheral subnetwork comprising a plurality of network devices, each having a relatively shorter range than the wireless premises network,

a mobile network device operable to communicate with the wireless premises network and the wireless peripheral subnetwork; and

a vehicle having a power supply associated with the vehicle, the vehicle configured to receive the mobile network device in mounting relation therewith, thereby providing the mobile network device access to the power supply associated with the vehicle.

25. (previously presented) The communication system of claim 24 wherein the mobile network device participates on the wireless peripheral subnetwork when the mobile network device is within the relatively shorter range of the wireless peripheral subnetwork.

26. (previously presented) The communication system of claim 24 further composing a peripheral device disposed on the vehicle that is adapted to participate in the wireless peripheral subnetwork.

27. (previously presented) The communication system of claim 24 wherein the mobile network device participates as a slave device in the wireless premises network pursuant to

a first communication protocol while participating as a master device in the wireless peripheral subnetwork pursuant to a second communication protocol.

28. (previously presented) The communication system of claim 27 wherein the mobile network device resolves conflicts between the first and second communication protocols.

29. (previously presented) The communication system of claim 24 wherein the mobile network device enters a state of low power consumption when not communicating with either the wireless premises network or the wireless peripheral subnetwork.

30. (previously presented) The communication system of claim 24, with the wireless premises network having a first plurality of network devices and the wireless peripheral subnetwork having a second plurality of network devices such that when within range of one of the second plurality of network devices, the mobile network device participates as a master device in the wireless peripheral subnetwork and when within range of one of the first plurality of network devices, the mobile network device participates as a slave device in the wireless premises network.

31. (previously presented) The communication system of claim 24 further comprising:

a network device independent of the mobile network device;

the network device identifying a range value indicative of the distance between the network device and the mobile network device;

the network device transmitting the range value to the mobile network device; and

the mobile network device, upon receipt of the range value, identifying an appropriate data rate for subsequent transmission to the network device.

32. (previously presented) The communication system of claim 24 further comprising:

a network device independent of the mobile network device;

the network device identifying a range value indicative of the distance

between the network device and the mobile network device; and

the network device indicating to the mobile network device an appropriate rate for subsequent data transmission to the network device.

33. (previously presented) The communication system of claim 24 further comprising:

a premises network device independent of the mobile network device;

the premises network device identifying a range value indicative of the distance between the premises network device and the mobile network device;

the premises network device transmitting the range value to the mobile network device;

the mobile network device identifying battery parameter information; and

the mobile network device, based on the received range value and battery parameter information, identifying an appropriate data rate and power level for subsequent transmission to the premises network device.

34. (previously presented) A communication system, comprising:

a wireless premises network;

a mobile network device operable to communicate with the wireless premises network;

a vehicle comprising a power supply associated with the vehicle and a peripheral device coupled to the power supply associated with the vehicle, wherein the mobile network device and the peripheral device are operable to communicate wirelessly; and

the vehicle being configured to receive the mobile network device in mounting relation therewith, thereby providing the mobile network device access to the power supply associated with the vehicle.

35. (previously presented) The communication system of claim 34 wherein the mobile network device wirelessly communicates using lower power transmissions to the peripheral device, and using higher power transmissions when communicating with the wireless premises network.

36. (previously presented) The communication system of claim 34 wherein the mobile network device conducts wireless communication at selected power levels.

37. (previously presented) A communication system comprising:

a first wireless network;

a vehicle having a battery power supply;

a plurality of network data communication devices together forming a second wireless network operating as a subnetwork in the first wireless network; and

at least a first data communication network device of the plurality of data communication network devices being operable to participate on the first wireless network to provide access for a second data communication network device of the plurality of data communication network devices to the first wireless network.

38-55. (cancelled)

56. (previously presented) A data communication network device for use in connection with an associated vehicle, comprising:

at least one wireless transceiver operable to communicate with devices on a first wireless network, the at least one wireless transceiver further operable to communicate with devices on a second wireless network operating as a subnetwork in the first wireless network;

the data communication network device operable to participate on the first wireless network to provide access to the first network for a second data communication device on the second wireless network.